

INTERNATIONAL SEARCH REPORT

Internat. Application No
PCT/IB2004/001897

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B60J10/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B60J E06B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 050 351 A (GOLDBACH HUBERT ET AL) 24 September 1991 (1991-09-24)	1-7, 13, 14, 16-21, 25, 26, 28-32 8
Y	abstract	
	column 2, line 57 - column 4, line 3;	
A	figures	9-12, 15, 22-24, 27, 33-35
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

18 November 2004

Date of mailing of the international search report

02/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Axelsson, T

INTERNATIONAL SEARCH REPORT

Inter al Application No
PCT/IB2004/001897

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 427 383 A (DRAFTEX IND LTD) 15 May 1991 (1991-05-15)	1-6, 10-17, 20-24, 26, 31-33
Y	abstract	8
A	column 3, line 3 - column 7, line 43; claim 1; figures	7, 9, 18, 19, 25, 27-30, 34, 35
X	----- EP 1 074 416 A (VOLKSWAGENWERK AG) 7 February 2001 (2001-02-07)	1-7, 10-12, 16, 23, 25-35
A	abstract	8, 9, 13-15, 17-22, 24
A	paragraph '0014! - paragraph '0023!; claims 1, 2	
A	----- US 2 716 787 A (HARRIS EDWARD P) 6 September 1955 (1955-09-06) the whole document	1-35
A	----- EP 1 145 888 A (MERITOR AUTOMOTIVE GMBH) 17 October 2001 (2001-10-17) abstract paragraph '0014! - paragraph '0026!; figure 1	1-35

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/001897

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5050351	A	24-09-1991	DE 3935857 C1	29-11-1990
			DE 59000549 D1	14-01-1993
			EP 0424760 A2	02-05-1991
			ES 2037513 T3	16-06-1993
			JP 3122455 B2	09-01-2001
			JP 3153418 A	01-07-1991
			KR 143897 B1	01-08-1998
EP 0427383	A	15-05-1991	GB 2237768 A	15-05-1991
			DE 69011473 D1	15-09-1994
			DE 69011473 T2	23-02-1995
			EP 0427383 A2	15-05-1991
			ES 2057422 T3	16-10-1994
EP 1074416	A	07-02-2001	DE 19936390 A1	15-02-2001
			EP 1074416 A2	07-02-2001
US 2716787	A	06-09-1955	DE 925153 C	14-03-1955
			FR 1067788 A	18-06-1954
			GB 716413 A	06-10-1954
EP 1145888	A	17-10-2001	DE 20006772 U1	23-08-2001
			EP 1145888 A2	17-10-2001
			JP 2002005143 A	09-01-2002
			US 2001033062 A1	25-10-2001